

CLAIMS

What is claimed is:

1. An electronic device comprising:

5 a first element comprising a first side and a second side, said first side bearing an interface operable to be used as a wireless phone, said second side comprising a first part of a display of a portable computing device; and

10 a second element comprising a third side and a fourth side, said third side comprising a second part of said display of said portable computing device; wherein

said first element is movably attached with said second element, and configurable in a first configuration for use as a wireless phone and configurable in a second configuration for use as a portable computing device.

15 2. The electronic device of Claim 1 wherein said first configuration is a closed configuration in which said second side and said third side face each other and are not user accessible, and in which said first side and said fourth side are user accessible.

20 3. The electronic device of Claim 1 wherein said second configuration is an open configuration in which said second side and said third side are user accessible and fully visible as a complete display.

4. The electronic device of Claim 1 wherein said portable computing device is a personal digital assistant.

5. The electronic device of Claim 1 wherein while converting from said first configuration to said second configuration, said electronic device places wireless communication on hold until said second configuration is achieved.

6. The electronic device of Claim 1 wherein said electronic device automatically places wireless communication on hold in response to a conversion from said first configuration to said second configuration.

7. The electronic device of Claim 6 wherein wireless communications are placed off hold in response to a user operating a feature on said electronic device.

8. The electronic device of Claim 6 wherein wireless communications are placed off hold in response to a user operating an earbud.

9. The electronic device of Claim 6 wherein said electronic device automatically places wireless communication off hold once said electronic device is returned to said first configuration.

10. The electronic device of Claim 6 wherein said display indicates that said wireless communications are on hold.

5 11. The electronic device of Claim 1 wherein said display is comprised of a flexible dual-sided display.

12. The electronic device of Claim 11 wherein said flexible dual-sided display implements electronic ink technology.

10 13. The electronic device of Claim 11 wherein said first element further comprises a display window such that when said first element and said second element are operable in said first configuration, a portion of said flexible dual-sided display is visible through said display window.

15 14. The electronic device of Claim 13 wherein said flexible dual-sided display is for showing phone-related information through said display window during operation while in said first configuration.

20 15. The electronic device of Claim 14 wherein said phone-related information is displayed on the side of said flexible dual-sided display lying atop the surface of said second side and said third side upon converting from said first configuration to said second configuration

16. An electronic device comprising:

a processor;

a memory unit coupled to said processor;

5 electronics coupled to said processor for wireless communication; and

a foldable housing that houses said processor, said memory unit and  
said electronics, said foldable housing comprising a first surface, a second  
surface, a third surface, and a fourth surface, said first surface bearing an  
interface operable to be used as a wireless phone, said second surface  
10 comprising a first part of a display, said third surface comprising a second part  
of said display, wherein said foldable housing is configurable in a first  
configuration for use to allow wireless communication and configurable in a  
second configuration for use as a portable computing device.

15 17. The electronic device of Claim 16 wherein said first configuration  
is a closed configuration in which said second surface and said third surface  
face each other and are not user accessible, and in which said first surface  
and said fourth surface are user accessible.

20 18. The electronic device of Claim 16 wherein said second  
configuration is an open configuration in which said second surface and said  
third surface are user accessible and fully viewable as a complete display.

19. The electronic device of Claim 16 wherein said portable computing device is a personal digital assistant.

20. The electronic device of Claim 16 wherein said electronic device automatically places wireless communication on hold in response to a conversion from said first configuration to said second configuration.

21. The electronic device of Claim 20 wherein wireless communications are placed off hold in response to a user operating a feature on said electronic device.

22. The electronic device of Claim 20 wherein wireless communications are placed off hold in response to a user operating an earbud.

23. The electronic device of Claim 20 wherein said electronic device automatically places wireless communication off hold once said electronic device is returned to said first configuration.

24. The electronic device of Claim 20 wherein said display indicates that said wireless communications are on hold.

25. The electronic device of Claim 16 wherein said display is comprised of a flexible dual-sided display.

26. The electronic device of Claim 25 wherein said flexible dual-sided display implements electronic ink technology.

27. The electronic device of Claim 25 wherein said first element further comprises a display window such that when said first element and said second element are operable in said first configuration, a portion of said flexible dual-sided display is visible through said display window.

28. The electronic device of Claim 27 wherein said flexible dual-sided display is for showing phone-related information through said display window during operation while in said first configuration.

29. The electronic device of Claim 28 wherein said phone-related information is displayed on the side of said flexible dual-sided display lying atop said second surface and said third surface upon converting from said first configuration to said second configuration.

30. An electronic device comprising:  
a processor;  
a memory unit coupled to said processor;

electronics coupled to said processor for wireless communication; and

a foldable housing that houses said processor, said memory unit and  
said electronics, said foldable housing comprising a first surface, a second  
surface, a third surface, and a fourth surface, said first surface bearing an  
5 interface operable to be used as a wireless phone, said second surface  
comprising a first part of a display, said third surface comprising a second part  
of said display, wherein said foldable housing is configurable in a first  
configuration for use as a wireless phone and configurable in a second  
configuration for use as a personal digital assistant.